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13	IN THE UNITED STATES DISTRICT COURT DISTRICT OF UTAH, CENTRAL DIVISION
14	UNITED STATES OF AMERICA, )
15	) CIVIL ACTION NO. Plaintiff,
16	v. ) COMPLAINT
17	MOBIL EXPLORATION & ) PRODUCING U.S. INC., )
18	) Defendant.
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21	The United States of America, by authority of the Attorney General of the United States
22	and through the undersigned attorneys, acting at the request of and on behalf of the Administrator
23	of the United States Environmental Protection Agency ("EPA"), files this complaint and alleges
24	the following:
25	STATEMENT OF THE CASE
26	1. This is a civil action brought pursuant to Section 113(b) of the Clean Air Act (the
27	"Act"), 42 U.S.C. § 7413(b), for injunctive relief and the assessment of civil penalties against
28	Mobil Exploration & Producing U.S. Inc. ("Mobil") for violations of the Act at Mobil's McElmo

pollutants to protect public health and welfare. The Administrator has promulgated NAAQS for the following pollutants: sulfur dioxide ("SO<sub>2</sub>"), particulate matter ("PM"), carbon monoxide ("CO"), ozone, nitrogen dioxide ("NO<sub>2</sub>"), and lead. 40 C.F.R. Part 50. Because emissions of volatile organic compounds ("VOCs") act as a precursor in the formation of ozone, federal and state regulatory measures to attain the NAAQS for ozone focus on the reduction or elimination of VOC emissions.

- 11. To achieve the NAAQS, Section 110 of the Act, 42 U.S.C. § 7410, requires each state to adopt and submit to the Administrator for approval a plan (a "State Implementation Plan" or "SIP") that provides for the implementation, maintenance, and enforcement of the NAAQS in each air quality control region within the state. Once EPA approves a SIP, it is independently enforceable by the federal government under Section 113 of the Act, 42 U.S.C. § 7413.
- 12. Section 161 of the Act, 42 U.S.C. § 7471, requires each SIP to contain emission limitations and such other measures as may be necessary to "prevent significant deterioration" of air quality in each region designated as "attainment" (i.e., a region that meets the NAAQS) or as "unclassifiable" (i.e., a region that cannot be classified as meeting or not meeting the NAAQS).
- 13. The region in which the Facility is located is an "attainment" or "unclassified" region for the NAAQS for SO<sub>2</sub>, PM, CO, ozone, and NO<sub>2</sub>. 40 C.F.R. § 81.345.
- 14. Pursuant to Part C of Subchapter I of the Act, 42 U.S.C. §§ 7470-7492, the Administrator promulgated "prevention of significant deterioration" of air quality ("PSD") regulations, codified at 40 C.F.R. § 52.21. The PSD regulations, which were incorporated and made part of the Utah SIP, apply to proposed major stationary sources or major modifications to be located on Indian Reservations within Utah. 40 C.F.R. §§ 52.21(a)(1) and 52.2346(b).
- 15. The Navajo Nation is an "Indian Reservation" within the meaning of 40 C.F.R. § 52.21(b)(27).
- 16. Pursuant to 40 C.F.R. § 52.21(a)(2)(iii), no new major stationary source or major modification shall begin actual construction without a permit (hereinafter referred to as a "PSD

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permit") stating that the major stationary source or major modification will meet the requirements of 40 C.F.R. § 52.21(j) through (r)(5).

17. Pursuant to 40 C.F.R. §§ 52.21(r)(1) and 52.23, any owner or operator who (1) constructs or operates a source or modification not in accordance with the terms of any PSD permit, or (2) fails to comply with any PSD permit condition shall be subject to enforcement action under Section 113 of the Act, 42 U.S.C. § 7413.

## Standards of Performance for Equipment Leaks of VOCs from Onshore Natural Gas Processing Plants (40 C.F.R. Part 60, Subparts A and KKK)

- 18. Section 111(b) of the Act, 42 U.S.C. § 7411(b), required EPA to: (1) publish a list of categories of stationary sources that, in EPA's judgment, cause or contribute significantly to air pollution that may reasonably be anticipated to endanger the public health or welfare, and (2) promulgate standards of performance for new sources within those categories. These standards, known as the New Source Performance Standards ("NSPS"), are codified at 40 C.F.R. Part 60.
- 19. On December 23, 1971, EPA promulgated the NSPS General Provisions, codified at 40 C.F.R. Part 60, Subpart A ("NSPS Subpart A"). 36 Fed. Reg. 24,877. NSPS Subpart A includes requirements that apply to owners and operators who are subject to subsequent Subparts of 40 C.F.R. Part 60, except when otherwise specified in a particular Subpart.
- 20. On June 24, 1985, EPA promulgated the NSPS for equipment leaks of VOCs from onshore natural gas processing plants, codified at 40 C.F.R. Part 60, Subpart KKK ("NSPS Subpart KKK"). 50 Fed. Reg. 26,124. NSPS Subpart KKK applies to the following "affected facilities" in onshore natural gas processing plants that commenced construction, modification, or reconstruction after January 20, 1984: a compressor in VOC service or in wet gas service, and the group of all equipment (except compressors) within a process unit. 40 C.F.R. § 60.630(a)-(b). In addition, a compressor station, dehydration unit, sweetening unit, underground storage tank, field gas gathering system, or liquified natural gas unit is covered by NSPS Subpart KKK if

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- 21. NSPS Subpart KKK requires each owner or operator to comply with the VOC leak detection and repair ("LDAR") requirements of 40 C.F.R. §§ 60.482-1(a), (b), and (d) and 60.482-2 through 60.482-10 (except as provided in 40 C.F.R. § 60.633) no later than 180 days after initial start-up. 40 C.F.R. § 60.632(a).
- 22. Pursuant to 40 C.F.R. §§ 60.482-4(c), 60.482-10(a) and (d), and 60.633(g), an owner or operator of a pressure relief device equipped with a closed vent system capable of capturing and transporting leakage through the pressure relief device to a flare shall comply with the flare requirements of 40 C.F.R. § 60.18.
- 23. Pursuant to 40 C.F.R. § 60.18(f)(2), the presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame.
- 24. Pursuant to 40 C.F.R. § 60.11(d), owners and operators shall at all times and to the extent practicable maintain and operate any affected facility, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.
- Section 111(e) of the Act, 42 U.S.C. § 7411(e), makes it unlawful for any owner 25. or operator of any new source to which an NSPS applies to operate the source in violation of such NSPS. Violations of Section 111(e) of the Act subject the violator to injunctive relief and civil penalties pursuant to Section 113(b) of the Act, 42 U.S.C. § 7413(b).

## National Emission Standard for Asbestos (40 C.F.R. Part 61, Subparts A and M)

- Section 112 of the Act, 42 U.S.C. § 7412, required EPA to promulgate the 26. National Emission Standards for Hazardous Air Pollutants ("NESHAP") regulations to establish emissions standards for certain hazardous air pollutants. NESHAPs promulgated before November 15, 1990, are codified at 40 C.F.R. Part 61.
  - On April 6, 1973, EPA promulgated the NESHAP General Provisions, codified at 27.

- 40 C.F.R. Part 61, Subpart A ("NESHAP Subpart A"). 38 Fed. Reg. 8,826. NESHAP Subpart A includes requirements that apply to owners and operators who are subject to subsequent Subparts of 40 C.F.R. Part 61.
- 28. On April 5, 1984, EPA promulgated the NESHAP for asbestos, codified at 40 C.F.R. Part 61, Subpart M ("NESHAP Subpart M"). 49 Fed. Reg. 13,661. NESHAP Subpart M includes standards for control of asbestos emissions associated with the demolition and renovation of facilities. See generally 40 C.F.R. § 61.145.
- 29. NESHAP Subpart M requires each owner or operator of a demolition or renovation activity to provide EPA with written notice of intention to demolish or renovate before the commencement of such activity. 40 C.F.R. § 61.145(b).

## **Enforcement Authority under the Act**

30. Section 113 of the Act, 42 U.S.C. § 7413, provides that the Administrator is authorized to commence a civil action for appropriate relief, including injunctive relief and civil penalties, against any person who has violated or is in violation of any requirement or prohibition of an applicable SIP or permit, or any requirement or prohibition of any rule promulgated under Sections 111 or 112 of the Act, 42 U.S.C. §§ 7411, 7412. With regard to a violation of any requirement or prohibition of an applicable SIP or permit, the Administrator may commence a civil action at any time after the expiration of thirty days following the Administrator's issuance of a Notice of Violation.

## **GENERAL ALLEGATIONS**

- 31. In 1984, Mobil purchased the Facility from Superior Oil Company.
- 32. On May 13, 1986, Mobil submitted to EPA an application for a PSD permit to construct and operate additional internal combustion engines at the Facility.
- 33. On February 2, 1987, EPA issued to Mobil a PSD permit that allowed Mobil to construct three additional internal combustion engines. This PSD permit was subsequently amended in October 1987 to allow Mobil to install two gas turbines rather than the three internal

combustion engines. The permit was again amended on April 19, 1991, to allow Mobil to install and operate one gas turbine (instead of two) and to replace existing heating equipment with a waste heat recovery unit. This PSD permit, as amended, is hereafter referred to as the "Mobil PSD Permit."

- 34. Condition No. 3 of the Mobil PSD Permit states that "[Mobil] shall operate no pollutant-emitting equipment at the McElmo Creek Unit [i.e., the Facility] other than that listed in Tables 1 and 2 of this permit."
- 35. Condition No. 4 of the Mobil PSD Permit states that "[Mobil] shall limit facility wide emissions to those shown in Table 1, on a rolling 12-month basis." The facility-wide authorized emissions shown in Table 1 are as follows: 1.25 tons per year ("tpy") of SO<sub>2</sub>, 477.29 tpy of oxides of nitrogen ("NOx"), 109.67 tpy of CO, and 38 tpy of VOC.
- 36. In 1986, Mobil constructed a natural gas processing plant (the "Gas Plant") at the Facility. The Gas Plant included an upright flare, a dehydrator, an amine treater, a refrigeration separation unit, and a natural gas liquids recovery unit.
- 37. After receiving the Mobil PSD Permit, Mobil began to route process and excess waste gas from its field gas gathering system and injection well system to the Gas Plant's upright flare.
- 38. From 1992 though 1997, Mobil installed and operated petroleum liquid storage tanks and heater treaters at the Facility (hereinafter referred to collectively as "Tanks and Heater Treaters").
- 39. Beginning in 1997, Mobil began to remove some of the Gas Plant's equipment.

  Mobil continues to operate the Gas Plant's upright flare at the Facility.
- 40. Mobil is the "owner or operator" of the Facility, which included the Gas Plant, within the meaning of Sections 111(a)(5) and 112(a)(9) of the Act, 42 U.S.C. §§ 7411(a)(5), 7412(a)(9).
  - 41. The Facility, which included the Gas Plant, is a "stationary source" within the

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1	the presence of a pilot flame on the Gas Plant's upright flare constitutes a violation of 40 C.F.R.
2	§ 60.18(f)(2).
3	68. Mobil's failure to operate a thermocouple or any other equivalent device to detect
4	the presence of a pilot flame on the Gas Plant's upright flare also constitutes a violation of 40
5	C.F.R. § 60.11(d), which requires owners and operators to maintain and operate any affected
6	facility, including associated air pollution control equipment, in a manner consistent with good
7	air pollution control practices for minimizing emissions.
8	69. Each violation of 40 C.F.R.§ 60.18(f)(2) and each violation of 40 C.F.R.
9	§ 60.11(d) subjects Mobil to liability under the Act.
10	70. Unless enjoined by an order of the Court, Mobil will continue to violate the Act.
11	Pursuant to Section 113(b) of the Act, the United States is entitled to injunctive relief against
12	Mobil for its continuing violations of the Act.
13	71. Pursuant to Section 113(b) of the Act, 42 U.S.C. § 7413(b), and 40 C.F.R. Part 19,
14	Mobil is liable for civil penalties of not more than \$25,000 per day for each violation of either 40
15	C.F.R. § 60.18(f)(2) or 40 C.F.R. § 60.11(d) that occurred on or before January 30, 1997; of not
16	more than \$27,500 per day for each violation of either 40 C.F.R. § 60.18(f)(2) or 40 C.F.R.
17	§ 60.11(d) that occurred between January 31, 1997 and March 15, 2004; and of not more than
18	\$32,500 per day for each violation of either 40 C.F.R. § 60.18(f)(2) or 40 C.F.R. § 60.11(d) that
19	occurred after March 15, 2004.
20	FOURTH CLAIM FOR RELIEF (Feilung to Complemental NSPS I DAP Requirements)
21	(Failure to Comply with NSPS LDAR Requirements)
22	72. Paragraphs 1 through 47, above, are realleged and incorporated herein by
23	reference.
24	73. Beginning 180 days after the initial start-up of the Gas Plant, Mobil failed to
25	comply with the NSPS LDAR requirements of 40 C.F.R. §§ 60.482-1(a), (b), and (d) and 60.482-

 $2\ through\ 60.482\text{-}10$  at the Gas Plant's dehydration units and field gas gathering systems.

1	PRAYER FOR RELIEF
2	WHEREFORE, Plaintiff respectfully prays that this Court:
3	1. Permanently enjoin Mobil from operating the Facility in violation of the Act, the
4	Mobil PSD Permit, NSPS Subparts A and KKK, and NESHAP Subparts A and M;
5	2. Assess civil penalties against Mobil of up to \$25,000 for each day of each
6	violation of the Act (including violations of the Mobil PSD Permit and NSPS Subparts A and
7	KKK) on or before January 30, 1997; up to \$27,500 for each day of each violation of the Act
8	(including violations of the Mobil PSD Permit, NSPS Subparts A and KKK, and NESHAP
9	Subparts A and M) between January 31, 1997 and March 15, 2004; and up to \$32,500 for each
10	day of violation of the Act (including violations of the Mobil PSD Permit and NSPS Subparts A
11	and KKK) after March 15, 2004;
12	3. Award Plaintiff its costs and disbursements in this action; and
13	4. Grant such other and further relief as this Court deems just and proper.
14	Respectfully submitted,
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16	Dated: 3/25/05 By:
17	THOMAS L. SANSONETTI Assistant Attorney General
18	Environment and Natural Resources Division United States Department of Justice
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21	Dated:
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